

ABSTRACT

Access to WebDAV (Distributed Authoring and Versioning) servers is provided in a manner that is essentially transparent to applications. A WebDAV redirector and related components support file system I/O requests and network requests directed to WebDAV servers identified by URI (Universal Resource Identifier) names, or by a drive may be mapped to a WebDAV share. An application's create or open I/O requests directed to a WebDAV server are detected, and result in a local copy of the file being downloaded and cached for local access. When closed, the local file is uploaded to the WebDAV server. Network-related requests such as for browsing that are directed to a WebDAV server are also handled transparently. WebDAV files may be locally encrypted and decrypted at the file system level, transparent to applications and the WebDAV server, via an encrypting file system that performs local encryption and decryption at the local file system level.